



Thursday  
July 27, 2023  
10 - 11 AM (PT)

**REGISTER:** (Save on Teams of 3 or more)

**RSVP via E-mail, Phone or on Website**

vann@wccc.org, (916) 599-8020

www.westerncouncil.org

**We send link for credit card payment.**

|         | WCCC<br>Member                 | CURT/LUC<br>Member            | Non-<br>Member                     |
|---------|--------------------------------|-------------------------------|------------------------------------|
| Single  | <input type="checkbox"/> \$ 65 | <input type="checkbox"/> \$70 | <input type="checkbox"/> \$ 75     |
| Team 3+ | <input type="checkbox"/> \$ 50 | <input type="checkbox"/> \$55 | <input type="checkbox"/> \$ 60 ea. |

No-shows & cancellations after **7/20/23** are subject to full fee. You may send Subs.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Firm/ Agency: \_\_\_\_\_

Address: \_\_\_\_\_

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Work Ph: \_\_\_\_\_ Cell: \_\_\_\_\_

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► **TEAMS: Attach List** (w/this info for each)

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# Registrants: \_\_\_ x Fee \$ \_\_\_ = Total \$ \_\_\_

# Webinar: Carbon Estimating - Why? How?

**Built environment creates nearly 40% of all CO2 emissions globally.** As multiple forces converge in the US, there is an urgent need to understand, measure and reduce all greenhouse gas (GHG) emissions our industry produces. Such as:

- More stringent environmental, social, governance (ESG) issues reporting
- Increasing local and federal, climate legislation
- Published corporate NetZero Carbon Targets
- Consumer demands to truly address climate change and stop “greenwashing”

De-carbonizing the built environment needs to become a core component of how all of us do business if we want to truly address climate change.

This is a key concern for Owners and Owner Representatives, as well as the design, engineering, construction, and maintenance professionals who help them meet their construction and operation needs.

Reducing the carbon emitted by build programs, as well as operations, could greatly reduce your organization’s overall carbon footprint. Whole life carbon estimating is a tool you can use to get you much closer to your carbon net zero goals.

**This webinar will address the following:**

- Why use carbon estimating?
- Broad applications of carbon estimating
- Why Whole Life Carbon Estimating?
- Considerations when implementing whole life carbon estimating

**This is a valuable webinar for public or private Owners & Reps, and Engineering, Design, Construction, Estimating, and Operations/Maintenance professionals.**

► **INSTRUCTORS: Hayley Carroll** is a Senior Estimator and Whole-Life Carbon Estimating Lead – Americas and technical lead for Currie & Brown’s whole-life carbon estimating (**WLCE**) service, a key division of the greater Whole Life Carbon Management (**WLCM**) service. Her background is in cost estimating, specializing in complex piping systems within the high-tech sector with experience on projects ranging from \$1 million to \$6 billion. As Director of Sustainability - Americas, **Mark Wartenberg** is developing sustainability services with a focus on helping clients de-carbonize both construction projects and existing buildings. WLCM helps clients balance all project constraints (scope, schedule, budget, risk) while integrating carbon as a constraint. Analyzing the carbon impact of build programs, while also considering cost and schedule impacts, helps owners make informed decisions across their portfolios.